

Substitute for form 1449A/PTO
(Revised 10/2001)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 10/029,065
Filing Date December 20, 2001
First Named Inventor Kipp
Group Art Unit 1638
Examiner Name Not yet assigned
Attorney Docket Number 5839-2 (42960/196219)

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
OK	1	ABUIN, A., et al., "Genetic Analysis of Mouse Embryonic Stem Cells Bearing <i>Msh3</i> and <i>Msh2</i> Single and Compound Mutations," <i>Molecular and Cellular Biology</i> , January 2000, pp. 149-157, Vol. 20(1), American Society for Microbiology, USA.	
	2	ADE, J., et al., "Four Mismatch Repair Paralogues Coexist in <i>Arabidopsis thaliana</i> : <i>AtMSH2</i> , <i>AtMSH3</i> , <i>AtMSH6-1</i> and <i>AtMSH6-2</i> ," <i>Mol. Gen. Genet.</i> , 1999, pp. 239-249, Vol. 262, Springer-Verlag.	
	3	ALANI, E., et al., "Genetic and Biochemical Analysis of <i>Msh2p-Msh6p</i> : Role of ATP Hydrolysis and <i>Msh2p-Msh6p</i> Subunit Interactions in Mismatch Base Pair Recognition," <i>Molecular and Cellular Biology</i> , May 1997, pp. 2436-2447, Vol. 17(5), American Society for Microbiology, USA.	
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	5	COLE-STRAUSS, A., et al., "Targeted Gene Repair Directed by the Chimeric RNA/DNA Oligonucleotide in a Mammalian Cell-Free Extract," <i>Nucleic Acids Research</i> , 1999, pp. 1323-1330, Vol. 27(5), Oxford University Press.	
	6	CULLIGAN, K., and J. HAYS, "Arabidopsis MutS Homologs - <i>AtMSH2</i> , <i>AtMSH3</i> , <i>AtMSH6</i> , and a Novel <i>AtMSH7</i> - Form Three Distinct Protein Heterodimers with Different Specificities for Mismatched DNA," <i>The Plant Cell</i> , June 2000, pp. 991-1002, Vol. 12, American Society of Plant Physiologists, USA.	
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Examiner Signature

[Signature]

Date

Considered

8 June 2004

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<u>OK</u>	8	CULLIGAN, K., et al., "Evolutionary Origin, Diversification and Specialization of Eukaryotic MutS Homolog Mismatch Repair Proteins," <i>Nucleic Acids Research</i> , 2000, pp. 463-471, Vol. 28, Oxford University Press.	
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	10	HOHN, B., and H. PUCHTA, "Gene Therapy in Plants," <i>Proc. Natl. Acad. Sci. USA</i> , July 1999, pp. 8321-8323, Vol. 96.	
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	12	MARSISCHKY, G., et al., "Redundancy of <i>Saccharomyces cerevisiae</i> MSH3 and MSH6 in MSH2-dependent Mismatch Repair," <i>Genes and Development</i> , 1996, pp. 407-420, Vol. 10(4), Cold Spring Harbor Laboratory Press, USA.	
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<u>OK</u>	25	GenBank Report for Accession No. AJ245967, Direct Submission on August 20, 1999.	

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